

ESTABLISHED 1880

## United States Testing Company, Inc.



HOBOKEN, N. J.

TELEPHONE: SWARTHMORE 2-2400

## REPORT

NUMBER

63150

(Refer to this number)

December 15, 1959

Client: David Clark Company  
360 Park Avenue  
Worcester 2, Massachusetts

Subject: Two (2) samples of bladder cloth, sampled and identified by Client as "Exposed" and "Unexposed", for aging tests. P.O. No.407.

Test Procedure:

Tensile strength and elongation were determined, on both samples, in accordance with standard laboratory procedure on a universal testing machine.

The unexposed sample was then subjected to ozone exposure at a concentration of 15 parts per million at a temperature of 75<sup>±</sup>5°F. for a period of 72 hours.

Test Results:Tensile Strength, lb./in. of width

<u>Specimen</u>	<u>Unexposed</u>	<u>Exposed</u>	<u>Unexposed Material Subjected to Ozone</u>
1	37.0	41.8	42.8
2	40.2	43.0	38.4
3	33.0	38.2	41.8
4	36.2	40.0	40.6
5	39.0	41.0	40.2
Average	37.1	40.8	40.8

Elongation, Pct.

1	35	30	25
2	30	25	25
3	30	25	25
4	35	25	25
5	35	25	25
Average	35	25	25

DOCUMENT NO. 3

NO CHANGE IN CLASS. ☒☐ DECLASSIFIED

CLASS. CHANGED TO: TS (S) C 2011

NEXT REVIEW DATE:

AUTH: HR 70-2

DATE: 03/28/11 REVIEWER: 010956

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